

AMENDMENTS TO THE CLAIMS

Pursuant to 37 C.F.R. § 1.121 the following listing of claims will replace all prior versions, and listings, of claims in the application.

1-3 (Cancelled):

4. (Currently Amended) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via an Internet; and

influencing at least one of a number of modulation stages and a coding of the transmission using the transmitted corresponding parameter values.

5. (Previously Presented) The method as recited in claim 4 wherein the digital radio transmission is a type of broadcast transmission for which a digital radio mondiale system recommended by an international telecommunication union establishes that a reception quality and a coverage reliability be not worse than for an analog transmission and that a same quality be guaranteed for mobile reception as for stationary reception, and that several transmitters are useable on a same frequency with a same program into approximately a same target area as with the analog transmission.

6. (Previously Presented) The method as recited in claim 4 wherein the transmission is a broadcast transmission.

7. (Currently Amended) The method as recited in claim 4 further comprising storing the the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

8. (Currently Amended) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via the Internet; and

determining alternative transmit frequencies using the transmitted corresponding parameter values.

9. (Previously Presented) The method as recited in claim 8 wherein the digital radio transmission is a type of broadcast transmission for which a digital radio mondiale system recommended by an international telecommunication union establishes that a reception quality and a coverage reliability be not worse than for an analog transmission and that a same quality be guaranteed for mobile reception as for stationary reception, and that several transmitters are useable

on a same frequency with a same program into approximately a same target area as with the analog transmission.

10. (Previously Presented) The method as recited in claim 8 wherein the transmission is a broadcast transmission.

11. (Currently Amended) The method as recited in claim 8 further comprising storing the the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

12. (Currently Amended) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

providing a ~~backward~~ feedback channel to an AM transmitter for digital signals received in a target area; and

using the ~~backward~~ feedback channel to provide a high reception quality and coverage reliability by preselecting a stronger coding or modulation for the target area.

13. (New) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

providing a feedback channel to an AM transmitter for digital signals received in a target area; and

using the feedback channel to provide a high reception quality and coverage reliability by using alternative transmitting frequencies for a transmission of a program in conjunction with an automatic switchover.